



DLG/DAG:lam 04/22/03 4630-5909 6354

PATENT
Attorney Reference Number 4630-59094

1652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Croteau *et al.*

Art Unit: 1652

Application No. 09/866,570

CERTIFICATE OF MAILING

Filed: May 25, 2001

For: TRANSACYLASES OF THE
PACLITAXEL BIOSYNTHETIC
PATHWAY

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on April 22, 2003 as First Class Mail in an envelope addressed to: U.S. Patent & Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202.

Examiner: Kathleen M. Kerr

Date: April 22, 2003

Donald L. Stephens Jr.
Attorney for Applicants

RECEIVED

APR 29 2003

TRANSMITTAL LETTER

U.S. Patent & Trademark Office
Box Sequence, P.O. Box 2327
Arlington, VA 22202

TECH CENTER 1600/2900

Enclosed for filing in the above-referenced application:

- ☒ Amendment and Reply to Office action.
- ☒ Revised FIG. 4 and 6A-6N with red-line and clean copies.
- ☒ Sequence Listing (paper copy, 91 pages, and computer readable disk).
- ☒ Please charge any additional fees that may be required in connection with filing this amendment and any extension of time, or credit any overpayment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- ☒ A Marked-up Version of Amended Specification and Claims Pursuant to 37 C.F.R. §§ 1.121(b)-(c) is attached.
- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

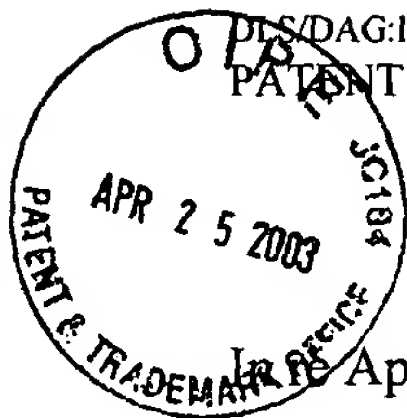
Respectfully submitted,

KLARQUIST SPARKMAN, LLP

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446

By
Donald L. Stephens Jr.
Registration No. 34,022

cc: Docketing



PLS/DAG:lam 04/22/03 173040

PATENT

Attorney Reference Number 4630-59094
Application Number 09/866,570

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Croteau *et al.*

Art Unit: 1652

Application No. 09/866,570

Filed: May 25, 2001

For: TRANSACYLASES OF THE PACLITAXEL
BIOSYNTHETIC PATHWAY

Examiner: Kathleen M. Kerr

Date: April 22, 2003

U.S. Patent & Trademark Office
Box Sequence, P.O. Box 2327
Arlington, VA 22202

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on April 22, 2003 as First Class Mail in an envelope addressed to: U.S. Patent & Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202.

Donald L. Stephens Jr.
Donald L. Stephens Jr.
Attorney for Applicants

14/BC
APR 29 2003
TECH CENTER 1600/2900

AMENDMENT AND REPLY TO OFFICE ACTION

This paper is filed in response to the non-final Office action, dated January 23, 2003. A three-month period for reply was set, making a response due on or before April 23, 2003. The Commissioner is authorized to charge any fees that may be required, or credit any overpayment, to the deposit account referenced in the transmittal letter.

Please enter the following amendments in the application:

In the Specification:

Please replace the title of the application at page 1, line 1 with the following:

NUCLEIC ACID MOLECULES ENCODING 10-DEACETYLBACCATIN III-O-ACETYL
TRANSFERASE AND RELATED PRODUCTS

Adjustment date: 08/25/2003 EEK/UBAY1
04/30/2003 GTRAMEL 00000005 024550 09866570
01 FC:1253 930.00 CR

Please add the following at page 8, line 3:

SEQ ID NO: 59 is the amino acid sequence identified as "aab61522" in Figure 6A-6N.

SEQ ID NO: 60 is the amino acid sequence identified as "cab10319" in Figure 6A-6N.

SEQ ID NO: 61 is the amino acid sequence identified as "cab40761" in Figure 6A-6N.

SEQ ID NO: 62 is the amino acid sequence identified as "aab61523" in Figure 6A-6N.

04/30/2003 GTRAMEL 00000005 024550 09866570
01 FC:1253 930.00 CH